

CoroCAM™

CoroCAM I •



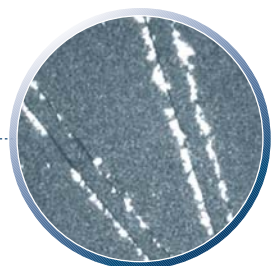
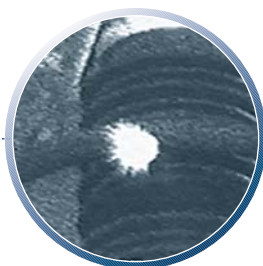
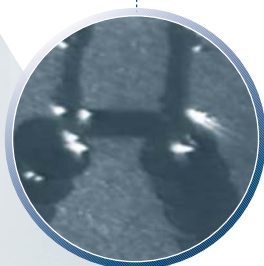
• NIGHT TIME CORONA / UV IMAGING CAMERA

CoroCAM I is the entry level product in the CoroCAM™ range and is ideal for quick and simple use in detecting and visualising UV discharges on high voltage equipment, particularly in substations, at night time. It is also well suited to indoor use on junction boxes, generating equipment, etc.

• FEATURES & BENEFITS OF COROCAM I

- A "point-and-shoot" device.
- Operates at night or indoors.
- Produces a video image of the corona plus the object.
- Focuses down to 0.5 metre for close indoor work.
- Standard video output for recording purposes.
- Light and portable.
- On-board rechargeable battery.
- User gain control of detector sensitivity.
- Selectable optical filters to enhance background image and corona.
- Illustrates areas of high electric stress, including potential flash-over situations.
- Cost effective device for field or indoor work.
- Displays real-time video outputs of the UV activity from HV discharges.
- Able to clearly locate the origin of the discharges within line-of-sight.
- Problem areas of high electric stress can be quickly located and recorded.
- No artificial lighting required during night inspections.

M a k i n g
t h e
i n v i s i b l e
v i s i b l e



M a k i n g t h e i n v i s i b l e v i s i b l e

● **SYSTEM SPECIFICATIONS**

Optics	
Field of view:	7° Horizontal 5° Vertical
Focus range:	0,5 m to infinity
Focal length:	10 mm
Filters:	UV wide bandpass filters
Detector Sensitivity	
Lifetime:	98% remaining after 1000 hours
Video Camera Output	
Camera resolution:	NTSC: 570(H) x 350(V) TV lines PAL: 560(H) x 420(V) TV lines
Scanning resolution:	625 lines CCIR(PAL) 525 lines EIA (NTSC)
System resolution:	470(H) - TV lines
Physical Dimensions	
Length:	300 mm
Width:	80 mm
Height:	95 mm
Weight:	Approximately 1.5 kg
Display	
Type:	LCD
Orientation:	Adjustable
Mounting:	Position on the side of the camera
Battery Belt and Charger	
Battery:	Rechargeable Li-Ion cell
Battery run time:	Approximately 3 hours
Battery location:	On board, quick replaceable
Charger power supply:	100 V to 240 Vac
Temperature Range	
Operating temperature:	-10 °C to 55 °C (LCD display 0 ° to 45 °)
Storage temperature:	-5 °C to 50 °C

* Specifications subject to change without notice.



● **CONTACT DETAILS:**

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